

William F Kaukler

List of Publications by Year in descending order

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13
papers

460
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

564
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystallization microstructure in transparent monotectic alloys. <i>Nature</i> , 1986, 323, 50-52.	27.8	287
2	Real-Time X-Ray transmission microscopy of solidifying Al-In Alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 1996, 27, 801-808.	2.2	33
3	Observations of a monotectic solidification interface morphology. <i>Journal of Crystal Growth</i> , 1985, 71, 340-345.	1.5	30
4	A redetermination of the succinonitrile-water phase diagram. <i>Scripta Metallurgica</i> , 1984, 18, 677-682.	1.2	25
5	X-ray microscopic observations of metal solidification dynamics. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 1994, 25, 1775-1777.	2.2	23
6	In situ studies of precipitate formation in Al-Pb monotectic solidification by X-ray transmission microscopy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 1997, 28, 1705-1710.	2.2	19
7	Determination of the phase diagram for carbon tetrabromide and hexachloroethane. <i>Materials Science and Engineering</i> , 1984, 65, L1-L4.	0.1	14
8	Hot stage and sample cell design for the solidification of transparent materials with and without forced convection. <i>Review of Scientific Instruments</i> , 1984, 55, 1643-1647.	1.3	10
9	Microwave Extraction of Water from Lunar Regolith Simulant. <i>AIP Conference Proceedings</i> , 2007, , ,	0.4	8
10	Fluid Oscillation in the drop tower. <i>Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science</i> , 1988, 19, 2625-2630.	1.4	3
11	Finite Element Analysis of Three Methods for Microwave Heating of Planetary Surfaces. , 2012, , ,		3
12	Evaluation of an ionic liquid-based epoxy after exposure on the MISSE-8 Carrier. <i>Results in Physics</i> , 2016, 6, 1185-1187.	4.1	3
13	Evaluation of ionic liquid epoxy carbon fiber composites in a cryogenic environment. <i>Results in Physics</i> , 2018, 8, 513-515.	4.1	2